

Preface to the Present Volume

A symposium on “Galois representations and arithmetic algebraic geometry” was held in two parts, at Kyoto University during October 14–16, 1985, and at the University of Tokyo during January 7–11, 1986. It centered around the following 4 topics:

Gauss sums, Jacobi sums, circular units;

Braid groups and Galois representations;

Curves and abelian varieties;

Class field theory, general ramification theory.

This volume contains 19 (mostly original) papers by the invited speakers. The program committee of the symposium and the editorial board of this volume both consist of Kazuya Kato, Takayuki Oda and Yasutaka Ihara.

Y. IHARA

Program Committee

Y. IHARA

(Univ. of Tokyo)

T. ODA

(Niigata Univ.)

K. KATO

(Univ. of Tokyo)